

ABSTRACT

A loudspeaker and switch assembly is adapted to require a reduced mounting space and incorporates a coaxially mounted switch for power selection having its shaft extending through the loudspeaker driver's pole piece. The switch is mounted to the back plate and the switch shaft runs through the pole piece so that the user can select power via a knob mounted on the proximal or front end of the switch of the loudspeaker dust cap. The power selection knob is used to turn the switch and select an input power level to the speaker, and the body of the knob also defines an axially symmetrical curvilinear or contoured solid shape which functions as an acoustic diffuser to increase the uniformity of the radiation pattern for higher frequencies which would otherwise be narrowly beamed into an area directly in front of the loudspeaker diaphragm.